

COLGATE & COMPANY JERSEY CITY PLANT: C-3  
(Colgate-Palmolive Company Jersey City Plant: C-3)  
45 Grand Street  
Jersey City  
Hudson County  
New Jersey

HAER No. NJ-71-R

HAER  
113  
2-3-71  
18R-

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN ENGINEERING RECORD  
Northeast Field Area  
Chesapeake/Allegheny System Support Office  
National Park Service  
U.S. Custom House  
200 Chestnut Street  
Philadelphia, PA 19106

# HISTORIC AMERICAN ENGINEERING RECORD

COLGATE & COMPANY JERSEY CITY PLANT: C-3\*  
(Colgate-Palmolive Company Jersey City Plant: C-3)

HAER No. NJ-71-R

**Location:** 45 Grand Street, Jersey City, Hudson County, New Jersey

**Significance:** C-3 was the first structure built at the Jersey City plant for spray drying, and was used for both soap and synthetic detergent products c1927-86. Although not an individually significant structure, C-2 was significant as a component of the Colgate plant.

**Description:** C-3 was a steel- and iron-frame, galbestos-clad, spray tower with seven operating levels. The structure, complete with tankage, housing, and furnace was built in two sections: 25-by-49 feet and 30-by-53 feet (see HAER No. NJ-71-P, Figure 2; obscured views of C-3 appear in HAER No. NJ-71, C BLOCK TO SOUTHEAST and C BLOCK TO SOUTHWEST, between structures C-2 and C-4 [HAER Nos. NJ-71-Q and NJ-71-S]).

**History:** Colgate & Company built C-3 in 1927 for the manufacturing of spray-dried soap products, the first of which was SUPER SUDS. With little documented change in equipment, C-3 was shifted into synthetic detergent manufacture after World War II. A new furnace and exhaust system was added in 1972. C-3 was demolished in 1989.

## Sources:

### Plans

All drawings listed below are currently (1991) held by the Colgate-Palmolive Company in the L-1 building at the Jersey City plant (HAER NO. NJ-71-SS). For future access, researchers should contact the company's Office of Corporate Communications, 300 Park Avenue, New York, NY 10022.

American Steel Band Co., Pittsburgh, Pa.

1952 Colgate-Palmolive-Peet Company, Siding Replacement, Building C-3. Steelbestos Sheeting Layout.

Brunquell Iron Works

1972 Brennan Co., Inc., Kearny, N.J. Colgate, Jersey City, N.J. Supporting and Platform Steel C-Tower Exhaust System. [12 drawings numbered D1-D11, and E1]

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\* Capitalized references are to photographs included with HAER No. NJ-71.

COLGATE & COMPANY JERSEY CITY PLANT: C-3  
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HAER No. NJ-71-R (page 2)

Colgate-Palmolive Company, Central Engineering Division.

- 1972 C-Tower Furnace. [4 drawings]:  
2-9815. Site Clearance Building C-3-9.  
2-9817. Furnace Installation.  
2-9823. C-Spray Tower and Steel Modifications.  
2-10411. Schematic Wiring Diagram.

Creisinger, L.W.

- 1927 Colgate & Company, Jersey City, N.J./C-3 Building. [7 unnumbered plans]:
- |                                  |   |
|----------------------------------|---|
| 1 Foundation and Block Plan.     | 5 Floor Plan  |
| 2 Foundation and Tie Beam Plans. | 6 Floor Plans, Elevations                               |
| 3 West Elevation.                | 71'-9", 63'-9", 53'-9".                                 |
| 4 North and South Elevations.    | 7 Floor Plans, Elevations -<br>Roof, 87'-7" and 80'-1". |

Martin R. Everett, Inc., Newark, N.J.

- 1928 C-3 Building, Colgate & Company, Jersey City, N.J. [set of approximately 28 construction blueprints].

Spray Dryer Process Corp., N.Y.C.

- 1927-28 Colgate & Company, Jersey City, N.J. "Soap Powder." [8 drawings]:
- |   |   |
|---|---|
| A900. Plan of Furnace Fan and Furnace Floors.                           | A907. Steel Floor Plans, Elevations 63'-9", 53'-9", 42'-0". |
| A901. Plan at Operating, Main Exhaust Fan and Sirocco Collector Floors. | A908. Steel Floor Plans.                                    |
| A903. Elevation of Spray Drying Plant.                                  | A912. Arrangement of Sirocco Collector                      |
| A906. Steel Floor Plans, Elevations 28'-8", 18'-0".                     | D910. Assembly of Drying Tower.                             |

Turl Engineering Works.

- n.d. Tower.

### Bibliography

Colgate-Palmolive-Company

- 1986 Jersey City Plant/ECRA-II (Environmental Cleanup Responsibility Act) Site Evaluation Submission: Appendix B.

Factory Mutual Engineering Association - Factory Mutual System.

- 1962-79 Colgate-Palmolive Company. "Jersey City Plant." Serial No. 70516-B, Index 29368.

Hopkins, G.M., & Co.

- 1928 Atlas of Hudson County, New Jersey. Vol. 1. Philadelphia.

COLGATE & COMPANY JERSEY CITY PLANT: C-3  
(Colgate-Palmolive Company Jersey City Plant: C-3)  
HAER No. NJ-71-R (page 3)

Sanborn Map Company

1906,

1938,

1949

Hudson County, N.J./Jersey City/Volume One. New York.

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Jersey City Land Book. Pelham, NY.

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COLGATE & COMPANY JERSEY CITY PLANT: C-3  
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 HAER No. NJ-71-R (page 4)

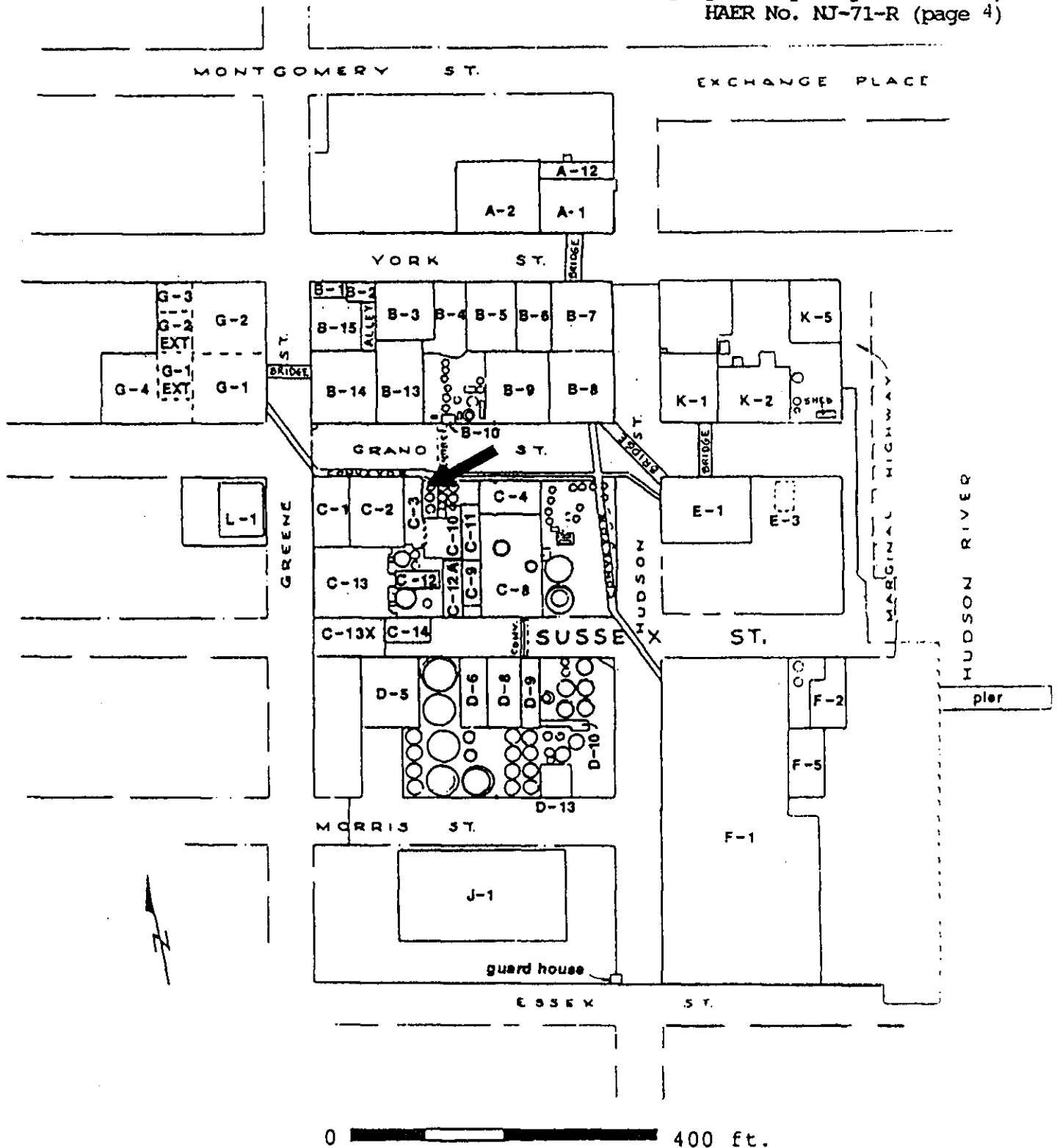


Figure 1. LOCATION OF C-3 AT COLGATE JERSEY CITY PLANT